

CLAIMS

1. A medical instrument comprising
- an instrument body having at least one outer surface,
  - a recess which is provided in said instrument body,
  - a non-contact readable data carrier ~~being~~ embedded in said recess, and
  - means arranged between said data carrier and said recess by which means said data carrier is floatingly embedded within said recess.
2. The medical instrument of claim 1, wherein said recess comprises an undercut in at least one partial region, in which undercut said data carrier is <sup>nonremovably</sup> disposed ~~non-~~removable.
3. The medical instrument of claim 1, wherein said means include an embedding medium.
4. The medical instrument of claim 3, wherein said embedding medium has a first elasticity modulus and said instrument body has a second elasticity modulus, and wherein said first elasticity modulus is larger than said second elasticity modulus.
5. The medical instrument of claim 1, wherein said means include an embedding medium having a first elasticity modulus and said instrument body has a second elasticity modulus

Fig. 23

009270 26252960

lus, and wherein said first elasticity modulus is smaller than said second elasticity modulus.

6. The medical instrument of claim 1, wherein said recess comprises an undercut in at least one partial region, in which undercut said data carrier is <sup>nonremovably</sup> disposed ~~nonremovable~~, and wherein said means include an embedding medium forming a body by means of which body said data carrier is held in said undercut. Fig. 2-3

7. The medical instrument of claim 1, wherein said means include an embedding medium, which embedding medium completely encases said data carrier. *not shown*

8. The medical instrument of claim 1, wherein said means include an embedding medium having a first heat conductivity, wherein said instrument body has a second heat conductivity, and wherein said first heat conductivity is smaller than said second heat conductivity.

9. The medical instrument of claim 1, wherein said means include at least one spacer.

10. The medical instrument of claim 1, wherein said data carrier is held substantially equidistantly in respect of said instrument body. Fig. 6

11. The medical instrument of claim 1, wherein said recess comprises an opening which forms a window in said outer surface of said instrument body.

09625792-072600

12. The medical instrument of claim 1, wherein said recess is made visually recognisable in the region of said outer surface.
13. The medical instrument of claim 1, wherein said data carrier is surrounded by a glass casing.
14. The medical instrument of claim 1, wherein said data carrier includes a transponder having an antenna.
15. The medical instrument of claim 14, wherein said recess expands in funnel-shaped manner in the direction of said outer surface in the region of said antenna.

Fig. 4

009220"2625960